



Form PTO-1449 IRSY. 7.801 U.S. Department of Commerce Patent and Trademark Office		ATTORNEY DOCKET NO.	979-1-017
		SERIAL NO.	09/513,151
LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT	Siegfried HEKIMI et al.
		FILING DATE	February 25, 2000
		GROUP	1642

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLAS S	SUB-CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLAS S	SUB-CLASS	TRANSLATION YES NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

KAC	AM	Rugarli, E.I. et al., The Kallman syndrome gene homolog in <i>C. elegans</i> is involved in epidermal morphogenesis and neurite branching, <i>Development</i> 129:pp.1283-1294, 2002.
	AN	Gengyo-Ando K., et al., A Murine Neural-Specific Homolog Corrects Cholinergic Defects in <i>Caenorhabditis elegans unc-18</i> Mutants, <i>Journal of Neuroscience</i> , 16(21):pp.6695-6702, November 1, 1996.
	AO	Antoshechkin, I and Han M., The <i>C. elegans evl-20</i> Gene Is a Homolog of the Small GTPase ARL2 and Regulates Cytoskeleton Dynamics during Cytokinesis and Morphogenesis, <i>Developmental Cell</i> , 2:pp.579-591, May 2002.
	AP	Baumeister, R. et al., Human presenilin-1, but not familial Alzheimer's disease (FAD) mutants, facilitate <i>Caenorhabditis elegans</i> Notch signalling independently of proteolytic processing, <i>Genes Funct</i> , 1(2):pp.149-59, April 1997.
KAC	AQ	Westmoreland, J.J. et al., Conserved Function of <i>Caenorhabditis elegans UNC-30</i> and Mouse Pitx2 in Controlling GABAergic Neuron Differentiation, <i>The Journal of Neuroscience</i> , 21(17):pp.6810-6819, September 2001.

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**LIST OF DOCUMENTARY INFORMATION
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<i>KAC</i>	AR	Zhang, J. et al., Evolutionary Conservation of MyoD Function and Differential Utilization of E Proteins, Developmental Biology, 208:pp.465-472, 1999.
	AS	Takahashi, M. et al., Mouse coq7/clk-1 Orthologue Rescued Slowed Rhythmic Behavior and Extended Life Span of clk-1 Longevity Mutant in Caenorhabditis elegans, Biochemical and Biophysical Research Communications, 286:pp.534-540, 2001.
	AT	Vaux D.L. et al., Prevention of programmed cell death in Caenorhabditis elegans by human bcl-2, Science, 258(5090):pp.1955-7, December 18, 1992.
	AU	Laible, G. et al., Mammalian homologues of the Polycomb-group gene Enhancer of zeste mediate gene silencing in Drosophila heterochromatin and at S. cerevisiae telomeres, The EMBO Journal, 16(11):pp.3219-3232, 1997.
	AV	Hudson, J.B. et al., The Drosophila Medea gene is required downstream of dpp and encodes a functional homolog of human Smad4, Development 125,pp.1407-1420, 1998.
	AW	Wang, J. et al., Mouse Homolog of the Drosophila Pc-G Gene esc Exerts a Dominant Negative Effect in Drosophila, Genesis, 26:pp.67-76, 2000.
	AX	Li, X. et al., Isolation and characterization of the putative nuclear modifier gene MTO1 involved in the pathogenesis of deafness-associated mitochondrial 12S rRNA A1555G mutation, Journal of Biological Chemistry Papers in Press, Manuscript - M203267200, Published May 14, 2002.
	AY	Lindsey, L.A. et al., Functional Conservation of the Human Homolog of the Yeast Pre-mRNA Splicing Factor Prp17p, The Journal of Biological Chemistry, 273(49):pp.32771-32775, 1998.
	AZ	Queimado, L. et al., Cloning the human and mouse MMS19 genes and functional complementation of a yeast mms19 deletion mutant, Nucleic Acids Research, 29(9):pp.1884-1891, 2001.
	BA	Ohi, R. et al., Myb-Related Schizosaccharomyces pombe cdc5p Is Structurally and Functionally Conserved in Eukaryotes, Molecular and Cellular Biology, 18(7):pp.4097-4108, July 1998
	BB	Nikawa, J. et al., Structural and functional conservation of human and yeast HCP1 genes which can suppress the growth defect of the Saccharomyces cerevisiae ire15 mutant, Gene, 171:pp.107-111, 1996.
✓	BC	Dotan, I. et al., Functional Conservation between the Human, Nematode, and Yeast CK2 Cell Cycle Genes, Biochemical and Biophysical Research Communications, 288:pp.603-609, 2001.
<i>KAC</i>	BD	Adams, A.E.M., et al., Isoform-Specific Complementation of the Yeast sac6 Null Mutation by Human Fimbrin, Molecular and Cellular Biology, pp. 69-75, Jan. 1995.

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KAC	BE	Kissil, J.L. et al., Structure-function analysis of an evolutionary conserved protein, DAP3, which mediates TNF-a- and Fas-induced cell death, The EMBO Journal, 18(2):pp.353-362, 1999.
	BF	Rothbacher, U. et al., Functional Conservation of the Wnt Signaling Pathway Revealed by Ectopic Expression of Drosophila dishevelled in Xenopus, Developmental Biology, 170:pp.717-721, 1995.
	BG	Buzanska, L., et al., Human Medulloblastoma Cell Line DEV Is a Potent Tool to Screen for Factors Influencing Differentiation of Neural Stem Cells, Journal of Neuroscience Research, 65:17-23, 2001.
	BH	Fossett, N. and Schulz, R., Functional conservation of hematopoietic factors in Drosophila and vertebrates, Differentiation, 69:pp.83-90, 2001.
	BI	Ferrier, D.E.K. and Holland P.W.H., Ancient Origin of the Hox Gene Cluster, Reviews, School of Animal & Microbial Sciences.
✓	BJ	Hanson, I. and Van Heyningen, V et al., Pax6: more than meets the eye, TIG, 11(7), July 1995.
KAC	BK	Laufer, E. et al., Expression of Radical fringe in limb-bud ectoderm regulates apical ectodermal ridge formation, Nature, 386:pp.366-73, March 27, 1997.
EXAMINER: <u>Karen A. Gamble</u>	DATE CONSIDERED: <u>9/17/02</u>	
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